

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-----------------|---|------------------|---------|------------------|
| S1 | 2 | ("6545335").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/18 10:18 |
| S2 | 2 | ("4801993").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/18 10:23 |
| S3 | 2 | ("5311046").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/18 10:23 |
| S4 | 2 | ("5726462").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/18 10:24 |
| S5 | 2 | ("5978408").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/18 10:28 |
| S6 | 2 | ("5985687").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/18 10:25 |
| S7 | 1286 | (372/96).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/18 10:28 |
| S8 | 1056 | (372/96).CCLS. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/18 10:29 |

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| S9 | 802 | 372/96.ccls. and (oxide or insulat\$3 or dielectric) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/18 10:30 |
| S10 | 42 | (optoelectronic or (light adj (emit\$3 or detect\$3))) and ((dielectric or insulat\$3 or oxide) with (second adj component)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/19 11:59 |
| S11 | 27 | (optoelectronic or (light adj (emit\$3 or detect\$3))) and ((dielectric or insulat\$3 or oxide) with (second adj component)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/17 15:39 |
| S12 | 21 | (optoelectronic or (light adj (emit\$3 or detect\$3))) and ((dielectric or insulat\$3 or oxide) with (second adj device)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/17 16:11 |
| S13 | 445 | (optoelectronic or (light adj (emit\$3 or detect\$3))) and ((dielectric or insulat\$3 or oxide) with (second adj layer)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/08/18 10:16 |
| S14 | 77 | opto\$1electronic and (oxidize\$3 with (cavity or hole or groove)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 14:13 |
| S15 | 5 | opto\$1electronic and (lateral near oxidize\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 15:25 |
| S16 | 211 | 438/362 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 15:32 |
| S17 | 172 | (lateral\$4 near oxidiz\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 15:42 |
| S18 | 81 | (lateral\$4 with oxidiz\$4 with (hole or groove or cavity)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 17:05 |
| S19 | 1327 | (transistor with photo\$1detector) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 17:44 |
| S20 | 2 | ("6329699").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 17:44 |

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| S21 | 2 | ("5925975").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 17:45 |
| S22 | 2 | ("5702281").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 17:45 |
| S23 | 2 | ("6284581").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/24 17:46 |
| S24 | 2 | ("6433428").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 10:32 |
| S25 | 1198 | (257/79).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 10:35 |
| S26 | 614 | (257/88).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 10:35 |
| S27 | 2 | ("6148016").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/18 15:00 |
| S28 | 2 | ("5457061").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/19 13:33 |
| S29 | 16269 | "257"/\$.ccls. and (oxide with gate with deposit\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/19 13:34 |
| S31 | 3035 | "257"/\$.ccls. and (oxide with gate with deposit\$4 with (gate adj electrode)) | USPAT | OR | OFF | 2005/11/19 13:37 |
| S32 | 1268 | "257"/\$.ccls. and (oxide with gate with deposit\$4 with (gate adj electrode)) and memory | USPAT | OR | OFF | 2005/11/19 15:21 |

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| S33 | 256 | "257"/\$.ccls. and (oxide with gate with deposit\$4 with (gate adj electrode)) and (control adj gate) and (floating adj gate) | USPAT | OR | OFF | 2005/11/19 14:41 |
| S34 | 93 | "257"/\$.ccls. and (oxide with gate with deposit\$4 near3 (gate adj electrode)) and (control adj gate) and (floating adj gate) | USPAT | OR | OFF | 2005/11/19 13:41 |
| S35 | 162 | "438"/\$.ccls. and (oxide with gate with deposit\$4 with (gate adj electrode)) and (control adj gate) and (floating adj gate) | USPAT | OR | OFF | 2005/11/19 14:41 |
| S36 | 264 | "438"/\$.ccls. and (oxide with gate with deposit\$4 with (gate adj electrode)) and (control adj gate) and (floating adj gate) | US-PGPUB; USPAT | OR | OFF | 2005/11/19 14:41 |
| S37 | 1782 | "257"/\$.ccls. and (oxide with gate with deposit\$4 with (gate adj electrode)) and memory | US-PGPUB; USPAT | OR | OFF | 2005/11/19 15:42 |
| S38 | 98 | "257"/\$.ccls. and (oxide with (top near2 gate) with deposit\$4 with (gate adj electrode)) | US-PGPUB; USPAT | OR | OFF | 2005/11/21 11:13 |
| S39 | 2 | ("6762480").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 11:49 |
| S40 | 2 | ("6399971").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 11:14 |
| S41 | 104 | "257"/\$.ccls. and (base) and (collector) and (emitter) and (Ga\$4As\$4Sb\$4) or (As\$4Ga\$4Sb\$4) or (Sb\$4As\$4Ga\$4) or (Sb\$4Ga\$4As\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 11:52 |
| S42 | 104 | "257"/\$.ccls. and (base) and (collector) and (emitter) and (Ga\$4As\$4Sb\$4) or (As\$4Ga\$4Sb\$4) or (Sb\$4As\$4Ga\$4) or (Sb\$4Ga\$4As\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 15:29 |
| S43 | 98 | "257"/\$.ccls. and (base) and (collector) and (emitter) and (Ga\$4As\$4Sb\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 13:17 |

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| S44 | 29 | "257"/\$.ccls. and (base) and (emitter) and (Ga\$10Sb\$10As or As\$10Sb\$10Ga\$10) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 15:10 |
| S45 | 44 | "257"/\$.ccls. and (base) and (emitter) and (Ga\$10Sb\$10As\$10 or As\$10Sb\$10Ga\$10) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 15:10 |
| S46 | 40 | "438"/\$.ccls. and (base) and (collector) and (emitter) and (Ga\$4As\$4Sb\$4) or (As\$4Ga\$4Sb\$4) or (Sb\$4As\$4Ga\$4) or (Sb\$4Ga\$4As\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 15:22 |
| S47 | 23 | "257"/\$.ccls. and (base) and (emitter) and (gallium adj arsenide adj antimonide) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 15:38 |
| S48 | 8 | (base) and (emitter) and (gallium adj arsenide adj antimonide).clm. | US-PGPUB | OR | OFF | 2005/11/21 15:38 |
| S49 | 37 | (base) and (emitter) and ((gallium adj arsenide adj antimonide) or (Ga\$8As\$8Sb\$8)).clm. | US-PGPUB | OR | OFF | 2005/11/21 15:39 |
| S50 | 37 | (base) and (emitter) and ((gallium adj arsenide adj antimonide) or (Ga\$8As\$8Sb\$8) or (Sb\$8Ga\$8As\$8)).clm. | US-PGPUB | OR | OFF | 2005/11/21 16:07 |
| S51 | 2250 | (257/197-198,592).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 16:14 |
| S52 | 1987 | (257/197-198,592).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 16:14 |